


# EC2 service using Linux

## Step 1: open EC2 Service



The screenshot shows the Amazon EC2 console landing page. At the top left, the word "Compute" is visible. The main heading is "Amazon Elastic Compute Cloud (EC2)" followed by the subtext "Create, manage, and monitor virtual servers in the cloud." Below this, a paragraph describes EC2 as the broadest and deepest compute platform with over 600 instance types. On the right side, there is a white box titled "Launch a virtual server" containing three buttons: "Launch instance" (orange), "View dashboard" (blue outline), and "Get started walkthroughs" (blue outline). At the bottom of this box is a link "Get started tutorial" with an external link icon.

## Step 2: make Instance

### Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

#### Name and tags [Info](#)

Name

raj\_comp

[Add additional tags](#)

### Step 3: Setup Applications and OS (windows,ubuntu,linux)

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 kernel-6.1 AMI  
ami-0b982602dbb32c5bd (64-bit (x86), uefi-preferred) / ami-0aadd5624e6e34c64 (64-bit (Arm), uefi)  
Virtualization: hvm    ENA enabled: true    Root device type: ebs

Description

Amazon Linux 2023 (kernel-6.1) is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Amazon Linux 2023 AMI 2023.8.20250908.0 x86\_64 HVM kernel-6.1

Architecture	Boot mode	AMI ID	Publish Date	Username
64-bit (x86)	uefi-preferred	ami-0b982602dbb32c5bd	2025-09-06	ec2-user

### Step 4 : select Instance Type (eg: t3micro free tier)

▼ Instance type [Info](#) | [Get advice](#)

#### Instance type

t3.micro

Free tier eligible

Family: t3    2 vCPU    1 GiB Memory    Current generation: true

On-Demand Linux base pricing: 0.0112 USD per Hour    On-Demand SUSE base pricing: 0.0112 USD per Hour

On-Demand Windows base pricing: 0.0204 USD per Hour

On-Demand Ubuntu Pro base pricing: 0.0147 USD per Hour    On-Demand RHEL base pricing: 0.04 USD per Hour

All generations

[Compare instance types](#)

[Additional costs apply for AMIs with pre-installed software](#)

## Step 5: create key pair (eg: raj)

### ▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select

 [Create new key pair](#)



## Create key pair



### Key pair name

Key pairs allow you to connect to your instance securely.

Enter key pair name

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

### Key pair type



RSA

RSA encrypted private and public key pair



ED25519

ED25519 encrypted private and public key pair

### Private key file format



.pem


For use with OpenSSH



.ppk

For use with PuTTY

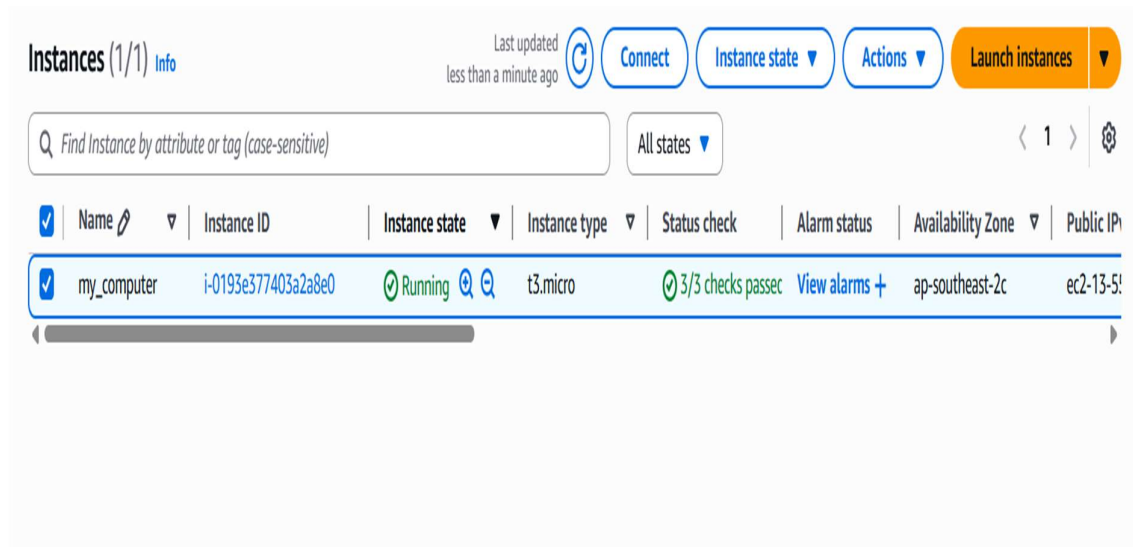


When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#) 

[Cancel](#)

Create key pair

## Step 6 : Launch Instances and Connect



## Step 7 : Open CMD and enter commands

- 1- `C:\Users\Hope Foundation>cd downloads`
- 2- `ssh -i "raj1.pem" ubuntu@ec2-13-55-120-135.ap-southeast-2.compute.amazonaws.com`
- 3- `$ sudo yum update -y`
- 4- `$ sudo yum upgrade -y`
- 5- `[$ sudo yum install httpd -y`
- 6- `$ sudo systemctl start httpd`
- 7- `$ sudo systemctl enable httpd`

8- `$ sudo systemctl status httpd`

9- `$ cd /var/www/html`

10- `$ sudo nano index.html`

**Step 8: save file using ctrl+ o**

**Step 9: go to instances and copy public address and search**

**Hello, I'm Raj!**

Welcome to my simple website.

